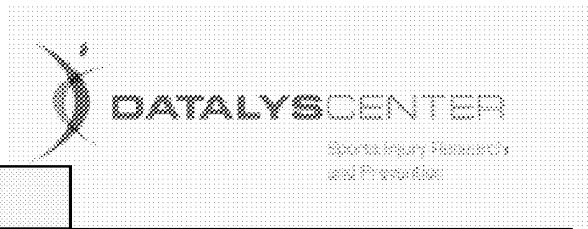


Exhibit 1



Concussions in NCAA from 2004-2009

	% of Injuries Competition	Median Days Out	Injury Frequency Rank	12 most common injury Rank	National 5-yr Estimate (concussion)	Comments
Football	6.6	6	4	2	16,277	more concussions than all other fall sports combined
W. Soccer	10.7	6	2	2	5,751	Mech. simliar to M. Soccer
M. Soccer	6.2	6	4	4	3,374	nealy 1/3 due to direct player contact while heading ball
W. Volleyball	3.9	6	7	4	1209	
W. Basketball	6.8	5	4	2	827	
W. Field Hockey	8.7	4	7	4	685	
M. Basketball	4.3	4	6	2	664	
Wrestling	4.5	8	5	4	256	
W. Ice Hockey	12.6	6	4	1	154	
W. Gymnastics	2.3	9	11	4	28	

Sport 5-yr Concussion

Estimate

29,225

Per year

2,923



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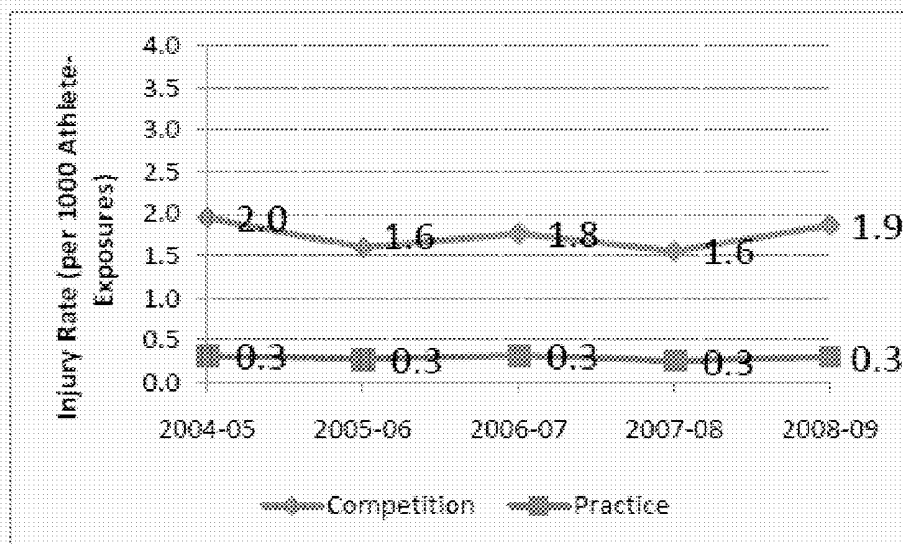


Figure 1. Concussion incidence, by year, in 5 fall sports.

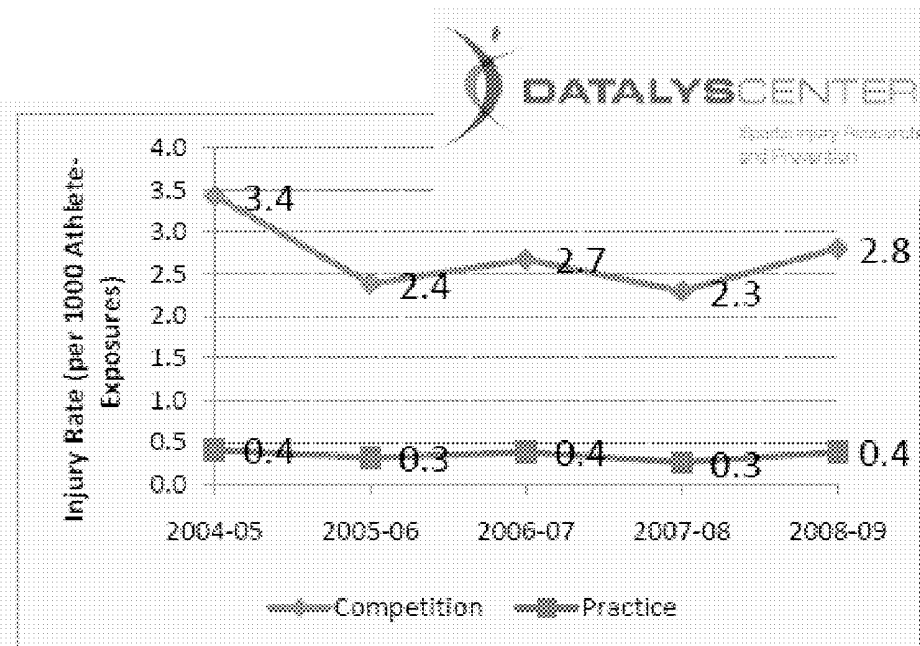


Figure 2. Concussion incidence, by year, in fall football.

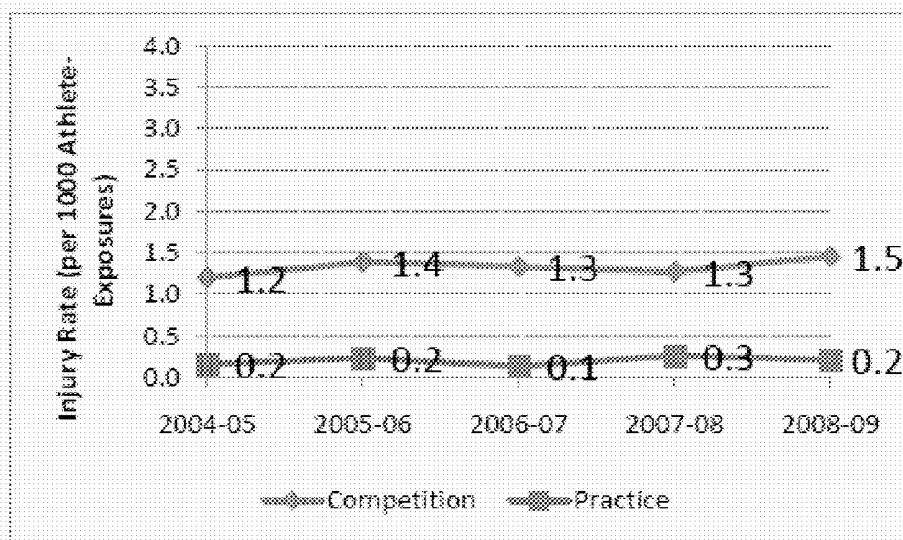


Figure 3. Concussion incidence, by year, in men's soccer.

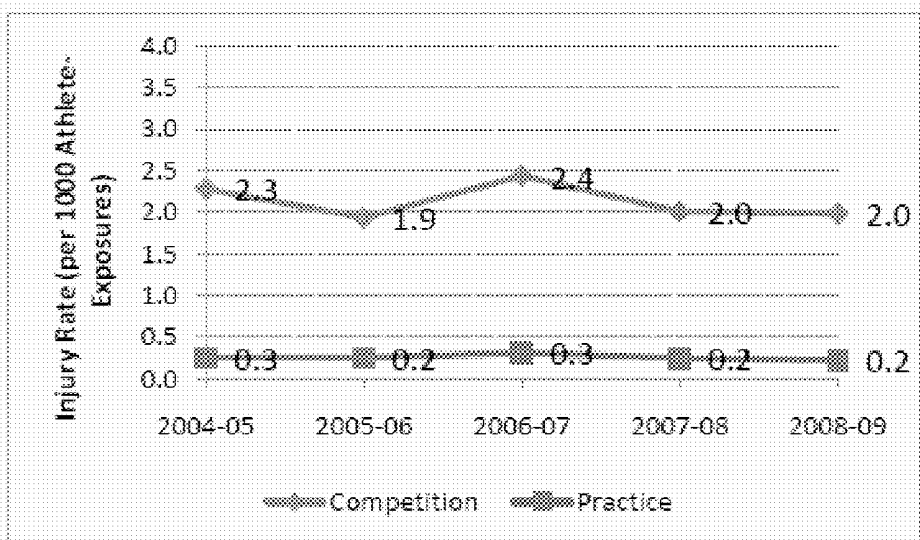


Figure 4. Concussion incidence, by year, in women's soccer.

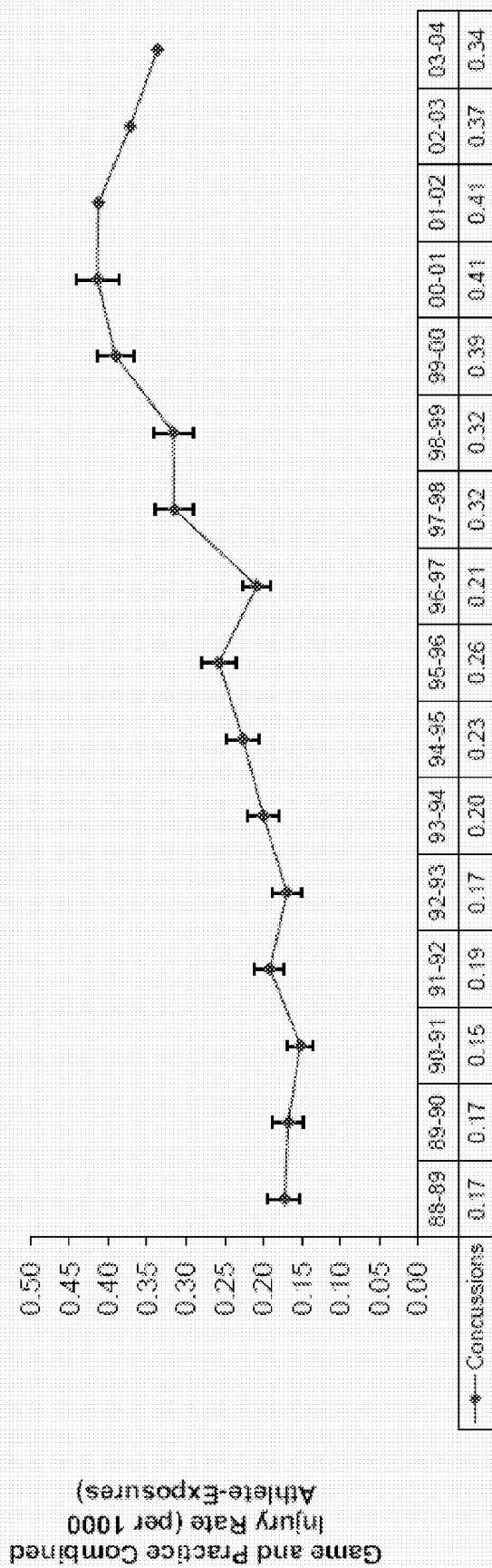
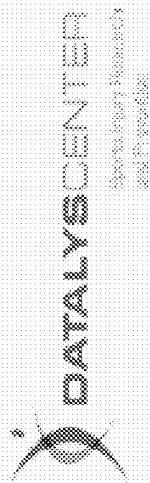


Figure 5. Concussion incidence, by year, in 15 NCAA sports, 1988-89 to 2003-04 (published in Hootman et al. *J Athletic Train* 2007;42(2):308-14.



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